

Notice of Allowability

Application No.

10/507,263

Examiner

Robert Scruggs

Applicant(s)

TOTSU, KATSUYUKI

Art Unit

3723

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to June 7, 2006.
2. ☒ The allowed claim(s) is/are 2-5 and 8-12.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

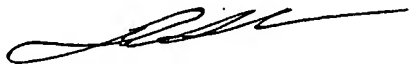
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


David B. Thomas
Primary Examiner
Art Unit 3723

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William Androlia on August 4, 2006.

The application has been amended as follows:

In the claims:

Claim 3 (currently amended) The tamperproof screw according to Claim 2, characterized in that said inverted truncated cone shape hole portion and said inclined portions that reach said bottom surface from said open end edge portions of said bit engaging grooves have an angle of inclination of substantially 20 to 30 degrees with respect to an axis of said screw.

Claim 8 (currently amended) The tamperproof screw according to Claim 2, characterized in that said screw head is constructed so that said screw head has a pan shape or a dish shape.

Claim 12 (currently amended) A header punch for manufacturing a tamperproof screw, characterized in that said header punch is comprised of:

projecting portions which have substantially perpendicular end edge portions and form perpendicular or recessed wall portions and step portions in end edge portions of bit engaging grooves in a screw head,

a conical projecting portion which forms an inverted truncated cone shape hole portion and inclined portions in a central portion of said bit engaging grooves and to form a substantially conical bottom surface, and

a cavity portion which is formed in a center of a tip end of said conical projecting portion and forms a projecting portion.

Claim 13 (canceled)

Claim 14 (canceled)

Claim 15 (canceled)

2. Claims 3 and 8 were amended in order delete their dependency from the canceled claim 14.

3. Claim 13 was canceled and added to claim 12, since it depended on a deleted claim 14.

4. Claim 12 has been amended to mitigate a 112 2nd paragraph issue, where claim 12 was not further limiting the base claim from which it depended on. Therefore, claim 12 was amended to become an independent claim.


5. The following is an examiner's statement of reasons for allowance: It is the examiner's opinion that the art of record considered as a whole, alone or in combination, neither anticipates nor renders obvious a plurality of equally spaced bit engaging grooves located in inclined surfaces, wherein said bit engaging grooves are perpendicular to a top surface of a screw head, together in combination with the rest of the limitations in the independent claim.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert Scruggs whose telephone number is 571-272-8682. The examiner can normally be reached on Monday-Friday, 8:30-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Hail can be reached on 571-272-4485. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


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